Totalview

Category: Program Development Tools

DRAFT

This article is being reviewed for completeness and technical accuracy.

TotalView is a GUI-based debugging tool that gives you control over processes and thread execution and visibility into program state and variables for C, C++ and Fortran applications. It also provides memory debugging to detect errors such as memory leaks, deadlocks and race conditions, etc.

Totalview allows you to debug serial, OpenMP, or MPI codes.

Totalview is available on both Pleiades and Columbia. See Totalview Debugging on Pleiades for some basic instructions on how to start using Totalview on Pleiades.

See Totalview Debugging on Columbia for some basic instructions on how to start using Totalview on Columbia.